

U.S.S.N. 10/607,868 (DP-309086) - 2

LISTING OF THE CLAIMS:

1. – 3. (canceled)

4. (currently amended) The combined SDARS and AM/FM satellite and terrestrial antenna system for a structure, according to claim 28 [[2]], wherein the SDARS satellite antenna comprises [[:]] a patch antenna.

5. (currently amended) The combined SDARS and AM/FM satellite and terrestrial antenna system for a structure, according to claim 28 [[2]], wherein the SDARS satellite antenna comprises [[:]] a loop antenna surrounding the AM/FM antenna.

6. (currently amended) The combined SDARS and AM/FM satellite and terrestrial antenna system for a structure, according to claim 28 [[2]], wherein the SDARS satellite antenna comprises [[:]] a coupled-loop antenna.

7. (currently amended) The combined SDARS and AM/FM satellite and terrestrial antenna system for a structure according to claim 28 [[1]], wherein further comprising: both the AM/FM terrestrial antenna and the SDARS satellite antenna are mounted at a common location on the structure, such that the angle formed by the difference in height between the top of an obstruction and the height of the SDARS satellite antenna, and the distance from the obstruction and the combined concentrically mounted SDARS satellite and AM/FM multiband terrestrial antenna is less than 20 degrees.

8. (canceled)

9. (currently amended) The combined SDARS and AM/FM satellite and terrestrial antenna system for a structure according to claim 28 [[1]], wherein the

U.S.S.N. 10/607,868 (DP-309086) - 3

SDARS/SAT/TER cable is coupled to the SDARS antenna through a low noise amplifier circuit that does not receive signals from the AM/FM antenna comprises: ~~a satellite low noise amplifier with a first input connected to a first end of a satellite output, wherein the output of the low noise amplifier is the~~ SDARS/SAT/TER cable.

10. (currently amended) The combined SDARS and AM/FM ~~satellite and terrestrial~~ antenna system for a structure according to claim 28 ~~[[1]]~~, wherein the structure is selected from the group consisting of an automobile, a recreational vehicle, a house, a building, a train and an aircraft.

11. (currently amended) The combined SDARS and AM/FM ~~satellite and terrestrial~~ antenna system for a structure according to claim 28 ~~[[1]]~~, wherein the structure is a roof of an automobile.

12. (currently amended) The combined SDARS and AM/FM ~~satellite and terrestrial~~ antenna system for a structure according to claim 28 ~~[[1]]~~, wherein the structure is a fender of an automobile.

13. (currently amended) The combined SDARS and AM/FM ~~satellite and terrestrial~~ antenna system for a structure according to claim 28 ~~[[1]]~~, wherein ~~[[:]]~~ the SDARS ~~satellite~~ antenna is mounted on the uppermost portion of the AM/FM terrestrial antenna.

14. (currently amended) The combined SDARS and AM/FM ~~satellite and terrestrial~~ antenna system for a structure according to claim 28 ~~[[1]]~~, wherein ~~[[:]]~~ the SDARS ~~satellite~~ antenna is mounted in a position lower than the AM/FM terrestrial antenna.

U.S.S.N. 10/607,868 (DP-309086) - 4

15. (currently amended) The combined SDARS and AM/FM satellite and terrestrial antenna system for a structure according to claim 28 ~~[[1]]~~, wherein the terrestrial antenna is a retractable terrestrial antenna.

16. (currently amended) The combined SDARS and AM/FM satellite and terrestrial antenna system for a structure according to claim 28 ~~[[1]]~~, wherein both the SDARS satellite antenna and the terrestrial antenna retract to a location within the structure.

17. (canceled)

18. (currently amended) The combined SDARS and AM/FM satellite and terrestrial antenna system for a structure according to claim 28 ~~[[1]]~~, wherein the SDARS satellite antenna is mounted on the uppermost portion of the terrestrial antenna.

19. (currently amended) The combined SDARS and AM/FM satellite and terrestrial antenna system for a structure according to claim 28 ~~[[1]]~~, wherein the SDARS satellite antenna is mounted at any position on the terrestrial antenna.

20. (currently amended) The combined SDARS and AM/FM satellite and terrestrial antenna system for a structure according to claim 28 ~~[[1]]~~, wherein the terrestrial antenna is a retractable terrestrial antenna.

21. – 27. (canceled)

28. (new) A combined SDARS and AM/FM antenna system for a structure, comprising:

U.S.S.N. 10/607,868 (DP-309086) - 5

an AM/FM antenna configured for receiving vertically polarized radio signals in the AM and FM frequency bands and mounted on a mounting assembly;

an SDARS antenna configured for receiving circularly polarized SDARS radio signals in a direct transmission SDARS frequency band and suitable for receiving vertically polarized radio signals in a terrestrial retransmission SDARS frequency band, the SDARS antenna being concentrically mounted on the mounting assembly with respect to the AM/FM antenna;

an AM/FM receiver coupled to the AM/FM antenna by an AM/FM cable for receiving the vertically polarized AM/FM signals exclusively from the AM/FM antenna; and

an SDARS receiver coupled to the SDARS antenna by an SDARS/SAT/TER cable for receiving both the circularly polarized SDARS signals and the vertically polarized, terrestrially retransmitted SDARS signals exclusively from the SDARS antenna.